



Recombinant Human Cyclin-T2 (CCNT2)

Product Code	CSB-MP004833HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O60583
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MASGRGASSR WFFTREQLEN TPSRRCGVEA DKELSCRQQA ANLIQEMGQR LNVSQTLTINT AIVYMHRFYM HHSFTKFNKN IISSTALFLA AKVEEQARKL EHVIVAHAC LHPLEPLLDL KCDAYLQQTQ ELVILETIML QTLGFEITIE HPHTDVVKCT QLVASKDLA QTSYFMATNS LHLTTFCLQY KPTVIACVCI HLACKWSNWE IPVSTDGKHW WEYVDPTVTL ELLDELTHEF LQILEKTPNR LKKIRNWRAN QAARKPKVDG QVSETPLLGS SLVQNSILVD SVTGVPTNPS FQKPSTSAFP APVPLNSGNI SVQDSHTSDN LSMLATGMPS TSYGLSSHQE WPQHQDSART EQLYSQKQET SLSGSQYNIN FQQGPSISLH SGLHHRPDKI SDHSSVKQEY THKAGSSKHH GPISTTPGII PQKMSLDKYR EKRKLETLDL DVRDHVIAAQ VEQQHKQGQS QAASSSSVTS PIKMKIPIAN TEKYMADKKE KSGSLKLRIP IPPTDKSASK EELKMKIKVS SSERHSSSDE GSGSKHSSP HISRDHKEKH KEHPSSRHHT SSHKSHSHS GSSSGGSKHS ADGIPPTVLR SPVGLSSDGI SSSSSSRKR LHVNDASHNH HSKMSKSSKS SGSSSSSSSS VKQYISSHNS VFNHPLPPP PVTYQVGYGH LSTLVKLDKK PVETNGPDAN HEYSTSSQHM DYKDTFDMLD SLLSAQGMNM
Source	Mammalian cell
Target Names	CCNT2
Protein Names	Recommended name: Cyclin-T2 Short name= CycT2
Expression Region	1-730
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This protein belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin and its kinase partner CDK9 were found to be subunits of the transcription elongation factor p-TEFb. The p-TEFb complex containing this cyclin was reported to interact with, and act as a negative regulator of human immunodeficiency virus type 1 (HIV-1) Tat protein. Two alternatively spliced transcript variants, which encode distinct isoforms, have been described.



Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.